



1fw

PATENT
S-0796-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JAMES L. MCNAUGHTON

SERIAL NO.: 10/540,378

FILED: JUNE 23, 2005

COMPOSITIONS AND METHODS FOR
CONTROL IN BOVINE MASTITIS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Enclosed herewith for consideration by the Examiner is a First Supplemental Information Disclosure Form PTO/SB/08A and PTO/SB/08b. There are 139 U.S. patent references listed but not enclosed and 28 foreign patent documents and 102 literature references listed and enclosed.

Respectfully Submitted,

John F. Sieberth
Sieberth & Patty, L.L.C.
4703 Bluebonnet Blvd.
Baton Rouge, LA 70809

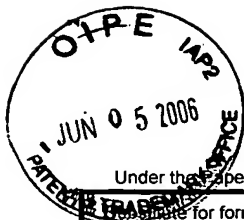
Telephone: (225) 291-4600
Facsimile: (225) 291-4606

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

5-26-06
Date

Celeste Merritt
Celeste Merritt



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Use for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/540,378
Filing Date	June 23, 2005
First Named Inventor	James L. McNaughton
Group Art Unit	1614
Examiner Name	---
Attorney Docket Number	S-0796-US

Sheet	1	of	13
-------	---	----	----

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-145	US-2184888	12-26-1939	Muskat et al.	
	US-146	US-2580808	01-01-1952	Marks et al.	
	US-147	US-2913460	11-17-1959	Brown et al.	
	US-148	US-2929816	03-22-1960	Chamberlain	
	US-149	US-3147254	09-01-1964	Paterson	
	US-150	US-3222276	12-07-1965	Belohlav et al.	
	US-151	US-4770198	09-13-1988	Bergman	
	US-152	US-5173190	12-22-1992	Picek	
	US-153	US-5179173	01-12-1993	Fong et al.	
	US-154	US-5192459	03-09-1993	Tell et al.	
	US-155	US-5194238	03-16-1993	Duncan et al.	
	US-156	US-5196126	03-23-1993	O'Dowd	
	US-157	US-5202047	04-13-1993	Corby	
	US-158	US-5208057	05-04-1993	Greenley et al.	
	US-159	US-5209934	05-11-1993	Egis, et al.	
	US-160	US-5218983	06-15-1993	King	
	US-161	US-5259985	11-09-1993	Nakanishi et al.	
	US-162	US-5264136	11-23-1993	Howarth et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)				
	FP-30	CN- 1432279	07-30-2003	China Nat. Petroleum Corp.	Abstract Only	
	FP-31	EP- 1080641 A2	03-07-2001	Nalco Chemical Co.		
	FP-32	GB- 644	09-22-1910	Peter		
	FP-33	GB- 1358617	07-03-1974	Alsce Mines Potasse		
	FP-34	RU- 277157	07-22-1970	Scientific Research		
	FP-35	WO- 93/04987 A1	03-18-1993	Monsanto Co.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of US PTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/540,378	
			Filing Date	June 23, 2005	
			First Named Inventor	James L. McNaughton	
			Group Art Unit	1614	
			Examiner Name	---	
Sheet	2	of	13	Attorney Docket Number	S-0796-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-163	US-5264229	11-23-1993	Mannig et al.	
	US-164	US-5283073	02-01-1994	Bender et al.	
	US-165	US-5286479	02-15-1994	Garlich et al.	
	US-166	US-5320829	06-14-1994	Garlich et al.	
	US-167	US-5338461	08-16-1994	Jones	
	US-168	US-5339889	08-23-1994	Bigham	
	US-169	US-5384102	01-24-1995	Ferguson et al.	
	US-170	US-5389384	02-14-1995	Jooste	
	US-171	US-5389390	02-14-1995	Kross	
	US-172	US-5403813	04-04-1995	Lichti et al.	
	US-173	US-5407598	04-18-1995	Olson et al.	
	US-174	US-5409711	04-25-1995	Mapelli et al.	
	US-175	US-5414652	05-09-1995	Mieda et al.	
	US-176	US-5422126	06-06-1995	Howarth et al.	
	US-177	US-5424032	06-13-1995	Christensen et al.	
	US-178	US-5429723	07-04-1995	Atkinson	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	FP-36	WO- 96/14092 A1	05-17-1996	W.R. Grace & Co.		
	FP-37	WO-96 30562 A1	10-03-1996	Electrocatalytic, Inc.		
	FP-38	WO- 9733567 A1	09-18-1997	Tri Link Unlimited Ltd.		
	FP-39	WO- 9743215 A1	11-20-1997	Bio Lab, Inc.		
	FP-40	WO- 97/43392	11-20-1997	Henry et al.		
	FP-41	WO- 98/04143	02-05-1998	Strickland et al.		
	FP-42	WO- 98/15609	04-16-1998	Sirianni		
	FP-43	WO- 99/06320 A1	02-11-1999	Dallmier et al.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of US PTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/540,378	
			Filing Date	June 23, 2005	
			First Named Inventor	James L. McNaughton	
			Group Art Unit	1614	
			Examiner Name	---	
Sheet	3	of	13	Attorney Docket Number	S-0796-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-179	US-5443849	08-22-1995	Corby	
	US-180	US-5460833	10-24-1995	Andrews et al.	
	US-181	US-5464636	11-07-1995	Hight et al.	
	US-182	US-5476116	12-19-1995	Price et al.	
	US-183	US-5482503	01-09-1996	Scott et al.	
	US-184	US-5484615	01-16-1996	Kounev	
	US-185	US-5489236	02-06-1996	Neal et al.	
	US-186	US-5490983	02-13-1996	Worley et al.	
	US-187	US-5490992	02-13-1996	Andrews et al.	
	US-188	US-5525241	06-11-1996	Clavin et al.	
	US-189	US-5527547	06-18-1996	Hight et al.	
	US-190	US-5565109	10-15-1996	Sweeny	
	US-191	US-5565576	10-15-1996	Hall et al.	
	US-192	US-5578559	11-26-1996	Dolan et al.	
	US-193	US-5589106	12-31-1996	Shim et al.	
	US-194	US-5591692	01-07-1997	Jones et al.	
	US-195	US-5603941	02-18-1997	Farina et al.	
	US-196	US-5607619	03-04-1997	Dadgar et al.	
	US-197	US-5610126	03-11-1997	Barford et al.	
	US-198	US-5614528	03-25-1997	Jones et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	FP-44	WO- 99/32596 A1	07-01-1999	Rees et al.		
	FP-45	WO- 99/55627 A1	11-04-1999	Yang et al.		
	FP-46	WO- 00/34186 A1	06-15-2000	Rakestraw		
	FP-47	WO- 01/35745 A1	05-25-2001	Albemarle Corporation		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of US PTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/540,378
Filing Date	June 23, 2005
First Named Inventor	James L. McNaughton
Group Art Unit	1614
Examiner Name	---
Attorney Docket Number	S-0796-US

Sheet **4** of **13**

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-199	US-5622708	04-22-1997	Richter et al.	
	US-200	US-5641520	06-24-1997	Howarth et al.	
	US-201	US-5641530	06-24-1997	Chen	
	US-202	US-5662940	09-02-1997	Hight et al.	
	US-203	US-5670451	09-23-1997	Jones et al.	
	US-204	US-5670646	09-23-1997	Worley et al.	
	US-205	US-5679239	10-21-1997	Blum et al.	
	US-206	US-5683654	11-04-1997	Dallmier et al.	
	US-207	US-5688515	11-18-1997	Kuechler, et al.	
	US-208	US-5750061	05-12-1998	Farina et al.	
	US-209	US-5753602	05-19-1998	Hung et al.	
	US-210	US-5756440	05-26-1998	Watanabe et al.	
	US-211	US-5763376	06-09-1998	Ward et al.	
	US-212	US-5780641	07-14-1998	Yerushalmi et al.	
	US-213	US-5795487	08-18-1998	Dallmier et al.	
	US-214	US-5808089	09-15-1998	Worley et al.	
	US-215	US-5821546	10-13-1998	Xiao et al.	
	US-216	US-5830511	11-03-1998	Mullerat et al.	
	US-217	US-5859060	01-12-1999	Platt	
	US-218	US-5889130	03-30-1999	Worley et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	FP-48	WO- 01/52651 A1	07-26-2001	Albemarle Corporation		
	FP-49	WO- 01/52656 A2	07-26-2001	Albemarle Corporation		
	FP-50	WO- 01/52827 A1	07-26-2001	McKenzie et al.		
	FP-51	WO- 01/53209 A2	07-26-2001	Albemarle Corporation		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of US PTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/540,378	
			Filing Date	June 23, 2005	
			First Named Inventor	James L. McNaughton	
			Group Art Unit	1614	
Examiner Name	---				
Attorney Docket Number	S-0796-US				
Sheet	5	of	13		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-219	US-5891499	04-06-1999	Balsano	
	US-220	US-5900512	05-04-1999	Elnagar et al.	
	US-221	US-5902818	05-11-1999	Worley et al.	
	US-222	US-5911870	06-15-1999	Hough	
	US-223	US-5922745	07-13-1999	McCarthy et al.	
	US-224	US-5932265	08-03-1999	Morgan	
	US-225	US-5942126	08-24-1999	Dallmier et al.	
	US-226	US-5942153	08-24-1999	Heydel	
	US-227	US-5958853	09-28-1999	Watanabe	
	US-228	US-5972864	10-26-1999	Counts	
	US-229	US-5981461	11-09-1999	Counts et al.	
	US-230	US-5984994	11-16-1999	Hudson	
	US-231	US-6004587	12-21-1999	Mullerat et al.	
	US-232	US-6007726	12-28-1999	Yang et al.	
	US-233	US-6007735	12-28-1999	Creed	
	US-234	US-6015782	01-18-2000	Petri et al.	
	US-235	US-6037318	03-14-2000	Na et al.	
	US-236	US-6039992	03-21-2000	Compadre et al.	
	US-237	US-6068861	05-30-2000	Moore, Jr. et al.	
	US-238	US-6069142	05-30-2000	Gaffney, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	FP-52	WO- 01/53215 A1	07-26-2001	Albemarle Corporation		
	FP-53	WO- 01/53270 A2	07-26-2001	Albemarle Corporation		
	FP-54	WO- 02/062141 A1	08-15-2002	Albemarle Corporation		
	FP-55	WO 03/001931 A1	01-09-2003	Albemarle Corporation		
	FP-56	WO 03/011033 A1	02-13-2003	Solution Biosciences, Inc.		
	FP-57	WO 04/57966 A1	07-15-2004	Solution Biosciences Inc.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind's Codes of US PTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/540,378	
			Filing Date	June 23, 2005	
			First Named Inventor	James L. McNaughton	
			Group Art Unit	1614	
			Examiner Name	---	
Sheet	6	of	13	Attorney Docket Number	S-0796-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-237	US-6083500	07-04-2000	Wooley et al.	
	US-238	US-6099855	08-08-2000	Mullerat et al.	
	US-239	US-6110353	08-29-2000	Hough	
	US-240	US-6110387	08-29-2000	Choudhury et al.	
	US-241	US-6123870	09-26-2000	Yang et al.	
	US-242	US-6156229	12-05-2000	Yang et al.	
	US-243	US-6172040 B1	01-09-2001	Naidu	
	US-244	US-6270722 B1	08-07-2001	Yang et al.	
	US-245	US-6284144 B1	09-04-2001	Itzhak	
	US-246	US-6287473 B1	09-11-2001	Yang et al.	
	US-247	US-6299909 B1	10-09-2001	Moore, Jr. et al.	
	US-248	US-6303038 B1	10-16-2001	Sanders et al.	
	US-249	US-6306026 B1	10-23-2001	Post	
	US-250	US-6306441 B1	10-23-2001	Moore, Jr. et al.	
	US-251	US-6322822 B1	11-27-2001	Moore, Jr. et al.	
	US-252	US-6342528 B1	01-29-2002	McKenzie et al.	
	US-253	US-6348219 B1	02-19-2002	Torres et al.	
	US-254	US-6348227 B1	02-19-2002	Caracciolo, Jr.	
	US-255	US-6352725 B1	03-05-2002	Torres et al.	
	US-256	US-6375991 B1	04-23-2002	Moore, Jr.	
	US-257	US-6379633 B1	04-30-2002	Garlick	
	US-258	US-6379685 B1	04-30-2002	Richter	
	US-259	US-6397622 B1	06-04-2002	Miller et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of US PTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/540,378	
			Filing Date	June 23, 2005	
			First Named Inventor	James L. McNaughton	
			Group Art Unit	1614	
			Examiner Name	---	
Sheet	7	of	13	Attorney Docket Number	S-0796-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	US-260	US-6423267	B1	07-23-2002	Yang et al.	
	US-261	US-6436444	B1	08-20-2002	Richter	
	US-262	US-6448410	B1	09-10-2002	Howarth et al.	
	US-263	US-6495698	B1	12-17-2002	Howarth	
	US-264	US-6508954	B1	01-21-2003	Elnagar et al.	
	US-265	US-6514556	B2	02-04-2003	Hilgren et al.	
	US-266	US-6517727	B2	02-11-2003	Pickens et al.	
	US-267	US-6565868	B1	05-20-2003	Howarth et al.	
	US-268	US-6605253	B1	08-12-2003	Perkins	
	US-269	US-6605308	B2	08-12-2003	Shane et al.	
	US-270	US-6638959	B2	10-28-2003	Howarth et al.	
	US-271	US-6652889	B2	11-25-2003	Moore et al.	
	US-272	US-6680070	B1	01-20-2004	Howarth et al.	
	US-273	US-6908636	B2	06-21-2005	Howarth	
	US-274	US-6986910	B2	07-17-2006	Howarth	
	US-275	US-2002/0192110	A1	12-19-2002	Garlick	
	US-276	US-2003/0077365	A1	04-23-2003	Howarth	
	US-277	US-2003/0100254	A1	05-29-2003	Iwai	
	US-278	US-2003/0102271	A1	06-05-2003	Howarth et al.	
	US-279	US-2003/0113402	A1	06-19-2003	Howarth et al.	
	US-280	US-2003/0211210	A1	11-13-2003	Howarth	
	US-281	US-2004/0010024	A1	01-15-2004	Howarth	
	US-282	US-2004-0039353	A1	02-26-2004	Koenig et al.	
	US-283	US-2004/0166136	A1	08-26-2004	Morelli et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)					

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of US PTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known Application Number 10/540,378 Filing Date June 23, 2005 First Named Inventor James L. McNaughton Art Unit 1614 Examiner Name --- Attorney Docket Number S-0796-US	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					
Sheet	8	of	13		
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	L-88	Affidavit of Shunong Yang, William F. McCoy and Anthony W. Dallmier Under 37 C.F.R. §1.13; presumably made public on Sept. 11, 2001, 13-pages. This Affidavit is contained in the File Wrapper of US Application No. 09/518,435 now US 6,287,473, issued Sept. 11, 2001.			
	L-89	Beihoffer, Jon et al., "Identification and Determination of the Isomeric Bromo-and/or Chloro-Substituted 1,3-Dihalo-5,5-Dimethylhydantoins Used in Disinfectants and Molluscicides", Journal of AOAC International, Vol 79, No. 4, 1996, pgs 823-828.			
	L-90	Bromicide Microbiocide, A Safer Approach to Water Management, Great Lakes Chemical Corporation Brochure, 1993, 3 pgs			
	L-91	Büchner, W., et al., Industrial Inorganic Chemistry, p. 180 (1989)			
	L-92	Chemical Engineers Handbook, John H. Perry editor, Fourth Edition, McGraw-Hill Book Company, 1963, pgs 8-59 - 8-64			
	L-93	Cotton, F.A., et al., Advanced Inorganic Chemistry, Sixth Edition, p. 566 (1999)			
	L-94	Frost, A.A., et al., Kinetics and Mechanism: A Study of Homogeneous Chemical Reactions, p. 23 (1953)			
	L-95	Goncharuk, E.I., et al., "Toxicological-Hygienic Evaluation of a New Bactericidal Preparation, Dibromodimethylhydantoin (**Dibromantine**) used for Water Disinfection in Swimming Pools", Gig. Sanit. (1971), 36(5), ppg 96-99.			X
	L-96	Harp, Daniel L., Current Technology of Chlorine Analysis for Water and Wastewater, Technical Info Series, Booklet No. 17, 2002, 34 pgs.			
	L-97	Kristoffersen, T. and I.A. Gould, "Effect of Sodium Bromide on the Bactericidal Effectiveness of Hypochlorite Sanitizers of High Alkalinity," Journal of Dairy Science (1958) 41: 950-955.			
	L-98	Kruse, C.W., et al., "Halogen Action on Bacteria, Viruses, and Protozoa," in Proc. Natl. Specialty Conference on Disinfection, pp113-136 (New York, NY: ASCE, 1970).			
	L-99	Krycer et al., "An Evaluation of Tablet Binding Agents Part II. Pressure Binders", Powder Technology, 1983, Vol. 34, ppg. 53-56.			
	L-100	Kuechler, T.C., "A Towerbrom® Progress Report, (McLean, VA: Association of Water Technologies, 1993), ppg 1-15.			
	L-101	Kuechler, T.C., et al., "Development of Monsanto's Towerbrom® Microbiocide, a New Bromine Microbiocide for Recirculating Water Systems," (McLean, VA: Association of Water Technologies, 1991), 1991 AWT Conference, pg 1-23			
	L-102	Kumar, Krishan, et al., "Kinetics and Mechanism of General-Acid-Assisted Oxidation of Bromide by Hypochlorite and Hypochlorous Acid", Inorg. Chem., 1987, vol 26, ppg 2706-2711.			
	L-103	Larson, D.S. et al., "Improved Microbiological Control Using Halogen Donors in a Pasteurizer," MBAA Technical Quarterly (1993) 30: 173-178.			
	L-104	Legionellosis: Guidelines for Control of Legionnaires' Disease," (Melbourne, Australia: Health Department Victoria, 1989, (reprinted in 1999), 9 pages.			
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/540,378
		Filing Date	June 23, 2005
		First Named Inventor	James L. McNaughton
		Art Unit	1614
		Examiner Name	---
Sheet 9 of 13	Attorney Docket Number	S-0796-US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L-105	"Legionellosis Guideline: Best Practices for Control of Legionella," (Houston, TX: Cooling Tower Institute, February 2000), 8 pages.	
	L-106	Lewin, M. and M. Avarahami, "The Decomposition of Hypochlorite-Hypobromite Mixtures in the pH Range 7-10," Journal of the American Chemical Society, (1955) 77: 4491-4498.	
	L-107	Lillard, H.S., "Effect of Trisodium Phosphate on Salmonellae Attached to Chicken Skin", Journal of Food Protection, vol 57, no. 6, June 1994, ppg 465-469.	
	L-108	Ludyanskiy, M.L. and F.J. Himpler, "The Effect of Halogenated Hydantoins on Biofilms," paper 405 (Corrosion 97, Houston, TX: NACE International, 1997), ppg 405/1 - 405/11.	
	L-109	MaCalady et al., "Sunlight-Induced Bromate Formation in Chlorinated Seawater", Science, 1977, vol. 195, ppg 1335-1337.	
	L-110	Mantilla-Sandholm et al., "Biofilm Formation in the Industry: A Review", Food Reviews International, 8(4), 1992, ppg 573-603.	
	L-111	March, "Advanced Organic Chem.", 1992, 4 th Edition, ppg. 639-640.	
	L-112	Markish et al., "New Aspects on the Preparation of 1,3-Dibromo-5,5-Dimethylhydantoin", Ind. Eng. Chem. Res. 1995, Vol. 34, ppg. 2125-2127.	
	L-113	McCall, E., J.E. Stout, V.L. Yu, and R. Vidic, "Efficacy of Biocides against Biofilm-Associated Legionella in a Model System," paper IWC 99-19 (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 1999), 7 pages.	
	L-114	McCarthy, J.A., "Bromide & Chlorine Dioxide As Water Disinfectants"; Journal of the New England Water Works Association (1944) 58: 55-68.	
	L-115	McCoy, W.F., et al., "Strategies Used in Nature for Microbial Fouling Control: Application for Industrial Water Treatment," paper 520 (Houston, TX: NACE International, 1998).	
	L-116	McNamee, L., "Efficacy of Hypochlorite vs. Hypobromite in the Removal of a <i>Pseudomonas aeruginosa</i> Biofilm," summer intern report (Bozeman, MT: Montana State University, Center for Biofilm Engineering, 2000). ppg 1-23.	
	L-117	Mead, G.C., et al., "The Effectiveness of In-plant Chlorination in Poultry Processing", Br. Poult. Sci., vol 16, 1975, ppg 517-526.	
	L-118	Merck Index, 10 th Edition, pg 7581	
	L-1119	Meyn, Product Line, from website http://www.meyn.nl/product_line.html , website visited 1/31/2003, unknown publication date, 5 pages.	
	L-120	Miki, W., K. Kon-ya, and S. Mizobuchi, "Biofouling and Marine Biotechnology: New Antifoulants from Marine Invertebrates," Journal of Marine Biotechnology (1996) 4: 117-120.	
	L-121	Mills, J.F., "Interhalogens and Halogen Mixtures as Disinfectants," in Disinfection-Water and Wastewater, J.D. Johnson, ed., pp 113-143 (Ann Arbor, MI: Ann Arbor Science, 1975).	
	L-122	"Minimizing the Risk of Legionellosis Associated with Building Water Systems," ASHRAE Guideline 12-2000 (Atlanta, GA: ASHRAE, 2000), 19 pages.	
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/540,378
		Filing Date	June 23, 2005
		First Named Inventor	James L. McNaughton
		Art Unit	1614
		Examiner Name	—
Sheet	10	of	13
		Attorney Docket Number	S-0796-US
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L-123	Moore, R.M., et al., "Use of a New Bromine-based Biocide in a Medium-Size Cooling Tower," paper IWC-97-51 (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 1997), 6 pages.	
	L-124	Moore, R.M., W.C. Lotz, and V.R. Perry, "Activated Sodium Bromide-Artificial Marsh Treatment: A Successful Plant-Wide Program," paper IWC-95-61 (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 1995), 12 pgs.	
	L-125	Mora et al., "Properties of a New Chloramine Disinfectant and Detoxicant", Poultry Science, 1982, vol 61, ppg 1968-1971.	
	L-126	Nalepa, C.J., J.N. Howarth, and R.M. Moore, "A New Single-Feed Liquid Bromine Biocide for Treatment of Cooling Water," Presented at the AWT 1999 Annual Conference, (McLean, VA: Association of Water Technologies, 1999), 17 pages.	
	L-127	Nalepa, C.J., H. Ceri, and C.A. Stremick, "A Novel Technique for Evaluating the Activity of Biocides Against Biofilm Bacteria," paper 00347 (Corrosion 2000, Houston, TX: NACE International, 2000), ppg 00347/1 - 00347/19.	
	L-128	Nalepa, C.J., et al., "Case Study: Minimization of Corrosion Using Activated Sodium Bromide in a Medium-Size Cooling Tower," paper 485 (Corrosion 96 NACE International Annual Conference and Exposition, Houston, TX: Nace International, 1996), 485/1 - 485/485/12.	
	L-129	Nalepa, C.J., "New Bromine-Releasing Granules for Microbiological Control of Cooling Water," paper 03716 (Corrosion 2003 Houston, TX: NACE International, 2003), ppg 03716/1-03716/15.	
	L-130	Nalepa, C.J., et al., "The Activity of Oxidizing Biocides towards <i>Legionella pneumophila</i> and the Impact of Biofilms on its Control," paper 01278 (Houston, TX: NACE International, 2001, 21 pages.	
	L-131	Nalepa, C.J., et al., "Strategies for Effective Control of Surface-Associated Microorganisms: A Literature Perspective," IWC-02-01 (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 2002), 19 pgs.	
	L-132	Nalepa, C.J., et al., "The Control of Bacteria on Surfaces: Effectiveness of Bromine-Based Biocides towards Microbial Biofilms and Biofilm-Associated <i>Legionella pneumophila</i> ," paper TP02-13 (Houston, TX: Cooling Technology Institute, 2002), 22 pages.	
	L-133	Nalepa, C.J., et al., "Case Study: A Comparison of Bromine-Based Biocides in a Medium-Size Cooling Tower," paper TP98-09 (Houston, TX: Cooling Tower Institute, 1998), 22 pages.	
	L-134	Nalepa, C.J., J.N. Howarth, and F.D. Azarnia, "Factors to Consider When Applying Oxidizing Biocides in the Field," paper 02223 (Houston, TX: NACE International, 2002), 20 pages.	
	L-135	Nalepa, C.J., "25 Years of Bromine Chemistry in Industrial Water Systems: A Review", paper 04087 (NACE International 2004), 30 pages.	
	L-136	Nelson, G.D. "Chloramines and Bromamines," in Kirk Othmer Encyclopedia of Chemical Technology, Vol. 5, pp 565-580 (New York, NY: John Wiley and Sons, 1979).	
	L-137	Northcutt, J.K., et al., "Effect of Broiler Age, Feed Withdrawal, and Transportation on Levels of Coliforms, Campylobacter, Escherichia coli and Salmonella on Carcasses Before and After", Poultry Science, 2003, vol 82, ppg 169-173.	
	L-138	Orazi et al., "Halogenacion con 3-Bromo-5,5-Dimetil-Hidantoina", Anales Assoc. Quim. Argentina, 1949, Vol. 37, ppg. 192-196. (Not translated)	
	L-139	Orazi et al., "Halogenacion Con 1-3-Dibromo-5,5-Dimetil-Hidantoina", Anales Assoc. Quim. Argentina, 1950, Vol. 38, ppg. 5-11. (Not translated)	
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/540,378
		Filing Date	June 23, 2005
		First Named Inventor	James L. McNaughton
		Group Art Unit	1614
		Examiner Name	---
Sheet	11	of	13
		Attorney Docket Number	S-0796-US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L-140	Palin, A.T., "The Determination of Free and Combined Chlorine in Water by the Use of Diethyl-p-phenylene diamine," Journal of the American Water Works Association (1957) 49: 873-880.	
	L-141	"Pathogen Reduction; Hazard Analysis and Critical Control Point (HACCP) Systems; Final Rule", Federal Register, July 25, 1996, vol 61, no 144, pg 38806-38814 and 38854-38855.	
	L-142	Patterson, J.T., "Chlorination of Water Used For Poultry Processing", British Poultry Science, vol 9, part 2, 1968, ppg 129-133.	
	L-143	Pentair Pool Products Brochure, "Rainbow High Capacity Chlorine/Bromine Feeders", "Unsurpassed Performance From The Industry's Leader in Automatic Sanitizing of Large Residential and Commercial Pools", date unknown, 1 page.	
	L-144	Pentair Pool Products Brochure, "Rainbow Model 300 Automatic Chlorine/Bromine Off-line Feeders", "The Efficient, Easy Way to Sanitize Your Pool or Spa", date unknown, 1 page.	
	L-145	Pentair Pool Products Brochure, "Rainbow Model 320 Automatic Chlorine/Bromine In-line Feeder", "Saves Time, Reduces Manual Handling of Chemicals", date unknown, 7 pages.	
	L-146	Peterson, J.C., "Practical Air Washer Treatment in Synthetic Fiber Manufacturing Plants," paper IWC-87-39 (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 1987), pgs 366-370	
	L-147	Petterson, "N-Halogen Compounds. I. Decomposition of 1,3-Dichloro-5,5-dimethylhydantoin in Water at pH 9", J. Org. Chem., 1959, Vol. 24, ppg. 1414-1419.	
	L-148	Ren, D., J.J. Sims, and T.K. Wood, "Inhibition of Biofilm Formation and Swarming of <i>Bacillus subtilis</i> by (5Z)-4-Bromo-5-(Bromomethylene)-3-Butyl-2(5H)-Furanone," Letters in Applied Microbiology (2002) 34: 293-299.	
	L-149	Regulatory Advisory, Waterborne Pathogens - Compliance with Joint Commission on Accreditation of Healthcare Organizations Requirements, web address www.ashe.org/media/water.html , visited 6/12/2002, 9 pages.	
	L-150	Rideal, E.K. and U.R. Evans, "The Effect of Alkalinity on the Use of Hypochlorites," Journal of the Society of the Chemical Industry (1921) 40: 64R-66R	
	L-151	Rzepa, H.S., "Elemental and Molecular Heritage: An Internet-Based Display," Molecules (1998) 3: 94-99.	
	L-152	Safe Foods Corporation, What is Cecure and how good is it?, from website http://www.safefoods.net/cecure.htm , website visited 1/31/2003, 2 pages	
	L-153	Sani-King Spa Feeder Product Brochure Model 740 from King Technology Website, < http://www.kingtechnology.com/spafeeder.htm > Visited (August 10, 2001), 2000, 4 pages.	
	L-154	Sani-King Perform-Max Pool Sanitizer Instruction Guide, Models 910, 940, & 980 (Inline) and Models 930 & 960 (Off-line), date unknown, 16 pages.	
	L-155	Sani-King Adjust-A-Flo Product Brochure from King Technology Website < http://www.kingtechnology.com/spafeeder.htm > (Visited August 10, 2001), 2000, 1 page.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/540,378
		Filing Date	June 23, 2005
		First Named Inventor	James L. McNaughton
		Art Unit	1614
		Examiner Name	---
Sheet 12	of 13	Attorney Docket Number	S-0796-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L-156	Sani-King Perform-Max Sanitizers for Inground Pools Product Brochure for Model 940 & 960 from King Technology Website, < http://www.kingtechnology.com/perfermaxIG.htm > , visited August 10, 2001, 2000, 1 pg.	
	L-157	Sani-King Perform-Max Sanitizers for Above Ground Pools Product Brochure Model 910 & 930 from King Technology Website, < http://www.kingtechnology.com/perfermaxIG.htm > , visited August 10, 2001, 2000, 1 pg.	
	L-158	Shilov, E.A. and J.N. Gladchikova, "On the Calculation of the Dissociation Constants of Hypohalogenous Acids from Kinetic Data," Journal of the American Chemical Society (1938) 60: 490-491.	
	L-159	Smith, A., et al., "Bromine vs. Gaseous Chlorine: A Comprehensive Review of Case Histories," paper 637 (Corrosion 93, NACE Annual Conference and Corrosion Show, 1993), ppg 637/1 - 637/12.	
	L-160	Smith et al., "Potential Uses of Combined Halogen Disinfectants in Poultry Processing", Poultry Science, 1990, vol. 69, ppg 1590-1594.	
	L-161	Sook, B.R., T.F. Ling, and A.D. Harrison "A New Thixotropic Form of Bromochlorodimethylhydantoin: A Case Study," paper 03715 (Corrosion 2003, Houston, TX: NACE International, 2003), ppg 1-16.	
	L-152	Sorum -- Fundamentals of General Chemistry, p. 315, 1955.	
	L-163	Spurrell, C. and J.S. Clavin, "Solid Halogen Donor Economically Answers the Challenge of SARA Title III and Corrosion Concerns," paper 474 (Corrosion 93, NACE Annual Conference and Corrosion Show, 1993), ppg 474/1 - 474/15.	
	L-164	Sullivan, P.J. and B.J. Hepburn, "The Evolution of Phosphonate Technology for Corrosion Inhibition," paper 496 (Houston, TX: NACE International, 1995), ppg 496/1 - 496/13.	
	L-165	Sweeney, P., M. Ludensky, and O. Barokhov, "Mill Performance of a Brominated Methylethylhydantoin Slimicide," pp 437-447, Proceedings of the 1999 TAPPI Papermakers Conference (Norcross, GA: TAPPI, 1999).	
	L-166	Tamblyn, K.C., et al., "Utilization of the Skin Attachment Model to Determine the Antibacterial Efficacy of Potential Carcass Treatments", Poultry Science, 1997, vol 76, ppg 1318-1323.	
	L-167	Tanner, F.W. and G. Pitner, "Germicidal Action of Bromine," Proceedings of the Society for Experimental Biology and Medicine (1939) 40: 143-145.	
	L-168	TEKTRAN, United States Department of Agriculture, Agricultural Research Service, Updated 12-18-1998, "An Evaluation of On-Line "Reprocessing" on Visual Contamination and Microbiological Quality of Broilers", from website http://www.nal.usda.gov/ttic/tektran/data/000008/35/0000083511.html , website visited 1/31/2003, 1 page	
	L-169	The University of Georgia Cooperative Extension Service, Poultry Tips, from website http://www.uga.edu/~poultry/tips/tips98jan4.htm , website visited 1/31/2003, 3 pages.	
	L-170	Thomas, W.M., J. Eccles, and C. Fricker, "Laboratory Observations of Biocide Efficiency against Legionella in Model Cooling Tower Systems," paper SE-99-3-4 (Atlanta, GA: ASHRAE Transactions, 1999), ppg 1-17.	
	L-171	Tsukamoto, S. et al., "Ceratinamides A and B: New Antifouling Dibromotyrosine Derivatives from the Marine Sponge <i>Pseudoceratina purpurea</i> ," Tetrahedron (1996) 52: 8181-8186.	
	L-161	Tsai, Lee-Shin, et al., "Chlorination of Poultry Chiller Water: Chlorine Demand and Disinfection Efficiency", Poultry Science, 1992, vol 71, ppg 188-196	
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/540,378
		Filing Date	June 23, 2005
		First Named Inventor	James L. McNaughton
		Art Unit	1614
		Examiner Name	---
Sheet 13	of 13	Attorney Docket Number	S-0796-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	L-173	Vanderpool, D., M. Killoran, and R. Sargent, "Improving the Corrosion Inhibitor Efficiency of Tolyltriazole in the Presence of Chlorine and Bromine," paper 157 (Corrosion 87, San Francisco, CA, 1987), pp 157/1-157/9.	
	L-174	Visser, Margret C.M., et al., "Comparison of human red cell lysis by hypochlorous and hypobromous acids: Insights into the mechanism of lysis", Biochem. J., vol 330, 1998, pp 131-138.	
	L-175	Visser, Margret C.M., et al., "Fatty acid chlorohydrins and bromohydrins are cytotoxic to human endothelial cells", Redox Report, vol 6, no. 1, 2001, pp 49-55.	
	L-176	Wabeck, Charles J., "Methods to Reduce Microorganisms on Poultry", Broiler Industry, December 1994, pp 34, 36, 38, 40, 42.	
	L-177	Wackenhuth, E.C. and G. Levine, "An Investigation of Bromine Chloride as a Biocide in Condenser Water," (Pittsburgh, PA: Engineer's Society of Western Pennsylvania, 1974), pgs 1-14.	
	L-178	Weeks, M.E., "Discovery of the Elements: XVII. The Halogen Family," Journal of Chemical Education (1932) 9: 1915-1938.	
	L-179	Willard et al., "Elementary Quantitative Analysis", Third Edition, Chapter XIV, 1933, pp. 261-271.	
	L-180	Williams, et al., "Research Note: Combined Halogen Disinfectants in Poultry Processing", Poultry Science, 1990, vol 69, pp 2248-2251.	
	L-181	Wood, D.R. and E.T. Illing, Analyst (1930), Royal Society of Chemistry, The Analyst, 55: 126-127.	
	L-182	Worley, et al., "The Stabilities of New N-halamine Water Disinfectants", Wat. Res. Vol. 21(8), pp 983-988, 1987.	
	L-183	Wyss. O. and R.J. Stockton, "The Germicidal Action of Bromine," Arch. Biochem. (1947) 12:267-271.	
	L-184	Yang, Hong, et al., "Survival and Death of Salmonella Typhimurium and Campylobacter jejuni in Processing Water and on Chicken Skin during Poultry Scalding and Chilling", Journal of Food Protection, vol 64, no 6, 2001, pp 770-776.	
	L-185	Yaron, F., "Bromine Manufacture: Technology and Economic Aspects," in "Bromine and Its Compounds," Z.E. Jolles, ed., pp 3-12 (New York, NY: Academic Press, 1966).	
	L-186	Yu, F.P., et al., "Cooling Tower Fill Fouling Control in a Geothermal Power Plant," paper 529 (Corrosion 98, Houston, TX: NACE International, 1998), pg 529/1 - 529-11.	
	L-187	Yu, F.P., et al., "Innovations in Fill Fouling Control," IWC-00-03 (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 2000), pp 26-31.	
	L-188	Zhang, Z. and J.V. Matson, "Organic Halogen Stabilizers: Mechanisms and Disinfection Efficiencies," paper TP89-05 (Houston, TX: Cooling Tower Institute, 1989), pgs 1-19.	
	L-189	Zhang, Z. "Disinfection Efficiency and Mechanisms of 1-Bromo-3-Chloro-5,5-Dimethylhydantoin," Doctoral Dissertation, University of Houston, May 1988, pp 160, 162, 163.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S., P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.